

SIMPLE DIGITAL - BTC404

BTC404 - SIMPLE DIGITAL CONTROLLER



STANDARD FEATURES

LARGE DISPLAY - 0.5"
 P CONTROL or ON/OFF
 UL, CSA, CE APPROVALS
 EASY SETTINGS
 T/C-J/K or RTD INPUT

OPTIONS

ALARM

SPECIFICATIONS

1. INPUT

THERMOCOUPLE	J,K
RTD	Pt100 ohms RTD (DIN 43760/BS 1904 or JIS)
RANGE	Fixed Range
ACCURACY	1% of SPAN
COLD JUNC. COMP	0.1°C/C input
SAMPLE RATE	333 mS

2. CONTROL

PROPORTIONAL BAND	2.2% of SPAN
ON-OFF	With 1% hysteresis
CYCLE TIME	RELAY - 20 sec, VOLT - 1 sec
CONTROL ACTION	Reverse (heating)

3. POWER

Rating	100-240 VAC	15VA max
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4. OUTPUT

RELAY	5A/240VAC resistive
PULSED VOLTAGE	24 VDC
CURRENT	Isolated 4-20mA Max load 500 ohms
ALARM	RELAY OUTPUT, (SPST) 2A/240 VAC resistive

5. ENVIROMENTAL

Operating Temp	-10 - 50°C
Humidity	0-90%
Insulation	20M ohms minimum @ 500VDC

5. PHYSICAL DIMENSIONS

BTC-404	96mmW x 96mmH x 67mmD
WEIGHT	285g

BTC404- ORDER CODE

BTC404 - X - X - X - X

INPUT

J - TYPE J THERMOCOUPLE
K - TYPE K THERMOCOUPLE
P - PT100 RTD

OUTPUT

R - RELAY
P - SSR DRIVE (24VDC)
M - 4-20mA

ALARM 1

N - NONE
R - RELAY

SCALE

2C - 0-200C
4C - 0-400C
8C - 0-800C
2F - 0-200F
4F - 0-400F
8C - 0-800C